CIVIL QUALITY CONSULTANTS & ENGINEERS
ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/16/2022-2023

28.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location : Siddartha Nagara Slum (#Faisal Store Road)

sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.04.2022	28.04.2022	8.152	504.2	22.41
2	21.04.2022	28.04.2022	8.115	516.2	22.94
3	21.04.2022	28.04.2022	8.039	523.8	23.28

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job Nos: CQCE/BBMP/NMK/16/2022-2023

19.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

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Location : Siddartha Nagara Slum (#Faisal Store Road)

sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.04.2022	19.05.2022	8.125	705.3	31.35
2	21.04.2022	19.05.2022	8.062	716.2	31.83
3	21.04.2022	19.05.2022	8.014	726.5	32.29

Note:

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Sample ID : Cement Concrete

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.04.2022	28.04.2022	8.127	501.3	22.28
2	21.04.2022	28.04.2022	8.052	516.2	22.94
3	21.04.2022	28.04.2022	8.136	534.8	23.77

Note:

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Location : Siddartha Nagara Slum (#Faisal Store Road)

Sample ID : Cement Concrete

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.04.2022	19.05.2022	8.162	705.3	31.35
2	21.04.2022	19.05.2022	8.035	716.8	31.86
3	21.04.2022	19.05.2022	8.114	721.8	32.08

Note:

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.04.2022	28.04.2022	8.126	514.2	22.85
2	21.04.2022	28.04.2022	8.051	506.3	22.50
3	21.04.2022	28.04.2022	8.138	525.8	23.37

Note:

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.04.2022	19.05.2022	8.026	705.3	31.35
2	21.04.2022	19.05.2022	8.114	721.6	32.07
3	21.04.2022	19.05.2022	8.109	723.9	32.17

Note:

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.04.2022	28.04.2022	8.132	512.3	22.77
2	21.04.2022	28.04.2022	8.151	506.3	22.50
3	21.04.2022	28.04.2022	8.065	524.9	23.33

Note:

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Cross Sectional Area	: 22500 mm^2
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Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	21.04.2022	19.05.2022	8.026	721.3	32.06
2	21.04.2022	19.05.2022	8.114	705.3	31.35
3	21.04.2022	19.05.2022	8.128	716.9	31.86

Note:

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29.04.2022

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Name of the work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location : Jalahalli Village (4th Cross Road (Primary Health Centre Road) (W0084))

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	29.04.2022	8.051	502.3	22.32
2	22.04.2022	29.04.2022	8.036	526.3	23.39
3	22.04.2022	29.04.2022	8.051	531.4	23.62

Note:

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Sample ID : Cement Concrete

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Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	20.05.2022	8.162	716.2	31.83
2	22.04.2022	20.05.2022	8.152	725.3	32.24
3	22.04.2022	20.05.2022	8.114	731.8	32.52

Note:

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Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	29.04.2022	8.161	501.2	22.28
2	22.04.2022	29.04.2022	8.153	526.3	23.39
3	22.04.2022	29.04.2022	8.034	534.7	23.76

Note:

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	20.05.2022	8.162	716.2	31.83
2	22.04.2022	20.05.2022	8.135	725.3	32.24
3	22.04.2022	20.05.2022	8.139	708.9	31.51

Note:

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	29.04.2022	8.128	523.6	23.27
2	22.04.2022	29.04.2022	8.069	514.3	22.86
3	22.04.2022	29.04.2022	8.184	536.8	23.86

Note:

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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	20.05.2022	8.126	726.3	32.28
2	22.04.2022	20.05.2022	8.162	715.2	31.79
3	22.04.2022	20.05.2022	8.015	702.9	31.24

Note:

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1	22.04.2022	29.04.2022	8.162	504.2	22.41
2	22.04.2022	29.04.2022	8.031	512.3	22.77
3	22.04.2022	29.04.2022	8.120	526.8	23.41

Note:

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Authorised Signatory

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Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Ref No.: CQCE/BBMP/NMK/16/2022-2023

20.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th Cross Road (Primary Health Centre Road) (W0084))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	20.05.2022	8.062	702.3	31.21
2	22.04.2022	20.05.2022	8.125	716.2	31.83
3	22.04.2022	20.05.2022	8.114	723.6	32.16

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560
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Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, QPS.

No: CQCE/BBMP/NMK/16/2022-2023

29.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location : Jalahalli Village (4th Cross Road (Primary Health Centre Road) (W0084))

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	29.04.2022	8.151	512.3	22.77
2	22.04.2022	29.04.2022	8.165	526.3	23.39
3	22.04.2022	29.04.2022	8.128	504.8	22.44

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/NMK/16/2022-2023

20.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location : Jalahalli Village (4th Cross Road (Primary Health Centre Road) (W0084))

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	22.04.2022	20.05.2022	8.133	712.3	31.66
2	22.04.2022	20.05.2022	8.114	726.3	32.28
3	22.04.2022	20.05.2022	8.105	731.8	32.52

Note:

1. The material is satisfied as per the requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/NMK/16/2022-2023

30.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	**: Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	30.04.2022	8.152	523.6	23.27
2	23.04.2022	30.04.2022	8.036	514.8	22.88
3	23.04.2022	30.04.2022	8.151	507.9	22.57

Note:

1. The material is satisfied as per the requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/NMK/16/2022-2023

21.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	21.05.2022	8.126	702.3	31.21
2	23.04.2022	21.05.2022	8.125	721.5	32.07
3	23.04.2022	21.05.2022	8.152	716.9	31.86

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Ref: CQCE/BBMP/NMK/16/2022-2023

30.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	30.04.2022	8.024	512.3	22.77
2	23.04.2022	30.04.2022	8.165	506.4	22.51
3	23.04.2022	30.04.2022	8.051	532.8	23.68

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056
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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Ref No: CQCE/BBMP/NMK/16/2022-2023 30.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	30.04.2022	8.024	512.3	22.77
2	23.04.2022	30.04.2022	8.165	506.4	22.51
3	23.04.2022	30.04.2022	8.051	532.8	23.68

Note:

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/NMK/16/2022-2023

21.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	21.05.2022	8.125	712.5	31.67
2	23.04.2022	21.05.2022	8.114	726.3	32.28
3	23.04.2022	21.05.2022	8.029	731.9	32.53

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Ref: CQCE/BBMP/NMK/16/2022-2023 30.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

To, : **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.

Agency : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location : Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	30.04.2022	8.115	512.3	22.77
2	23.04.2022	30.04.2022	8.036	526.3	23.39
3	23.04.2022	30.04.2022	8.052	534.8	23.77

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/NMK/16/2022-2023 21.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	21.05.2022	8.025	712.6	31.67
2	23.04.2022	21.05.2022	8.108	726.3	32.28
3	23.04.2022	21.05.2022	8.014	731.8	32.52

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Ref: CQCE/BBMP/NMK/16/2022-2023

30.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	30.04.2022	8.165	513.2	22.81
2	23.04.2022	30.04.2022	8.052	506.8	22.52
3	23.04.2022	30.04.2022	8.151	524.8	23.32

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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CQCE/BBMP/NMK/16/2022-2023

21.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	21.05.2022	8.136	702.3	31.21
2	23.04.2022	21.05.2022	8.152	716.2	31.83
3	23.04.2022	21.05.2022	8.014	732.8	32.57

Note:

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CQCE/BBMP/NMK/16/2022-2023 30.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	30.04.2022	8.125	512.3	22.77
2	23.04.2022	30.04.2022	8.065	526.3	23.39
3	23.04.2022	30.04.2022	8.182	534.8	23.77

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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CQCE/BBMP/NMK/16/2022-2023

21.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4th5th Cross Road # Anganawadi Kendra (W0086))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	23.04.2022	21.05.2022	8.136	705.3	31.35
2	23.04.2022	21.05.2022	8.125	716.2	31.83
3	23.04.2022	21.05.2022	8.014	728.9	32.40

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/NMK/16/2022-2023 02.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	02.05.2022	8.141	523.3	23.26
2	25.04.2022	02.05.2022	8.126	512.6	22.78
3	25.04.2022	02.05.2022	8.052	527.8	23.46

Note:

1. The material is satisfied as per the requirements.

for CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/NMK/16/2022-2023

23.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	23.05.2022	8.026	702.3	31.21
2	25.04.2022	23.05.2022	8.152	715.3	31.79
3	25.04.2022	23.05.2022	8.014	726.8	32.30

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQC/BBMP/NMK/16/2022-2023

02.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))
sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	02.05.2022	8.065	512.3	22.77
2	25.04.2022	02.05.2022	8.141	526.3	23.39
3	25.04.2022	02.05.2022	8.035	531.8	23.64

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

CQC/BBMP/NMK/16/2022-2023

23.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))
sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	23.05.2022	8.126	712.3	31.66
2	25.04.2022	23.05.2022	8.014	725.3	32.24
3	25.04.2022	23.05.2022	8.105	731.8	32.52

Note:

1. The material is satisfied as per the requirements.

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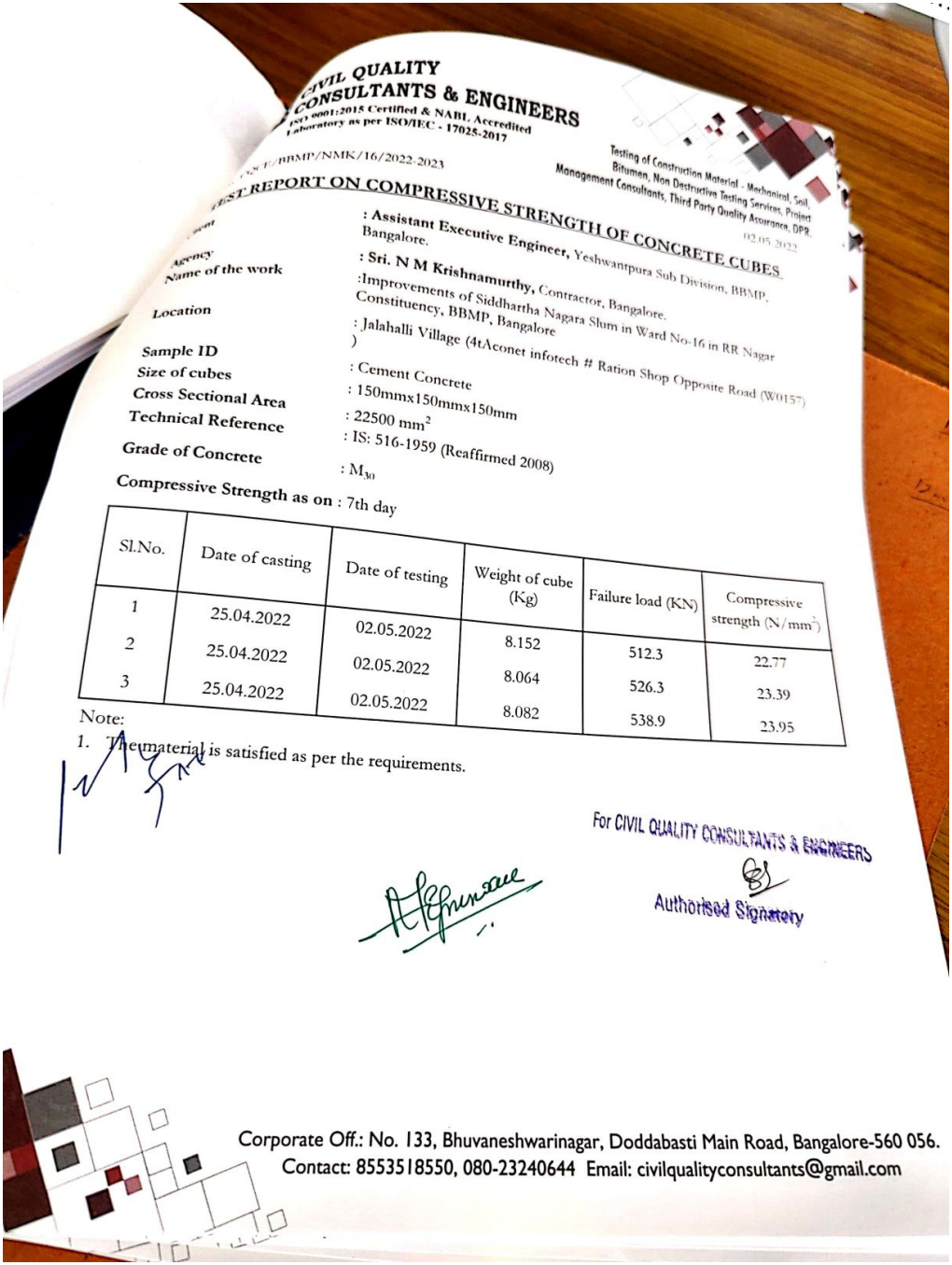

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

CQC/E/BBMP/NMK/16/2022-2023

02.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of the work	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	02.05.2022	8.152	512.3	22.77
2	25.04.2022	02.05.2022	8.064	526.3	23.39
3	25.04.2022	02.05.2022	8.082	538.9	23.95

Note:

1. The material is satisfied as per the requirements.

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CQCE/BBMP/NMK/16/2022-2023

02.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Agency	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Name of the work	: Sri. N M Krishnamurthy, Contractor, Bangalore.
Location	:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Sample ID	: Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))
Size of cubes	: Cement Concrete
Cross Sectional Area	: 150mmx150mmx150mm
Technical Reference	: 22500 mm^2
Grade of Concrete	: IS: 516-1959 (Reaffirmed 2008)
	: M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	02.05.2022	8.165	516.2	22.94
2	25.04.2022	02.05.2022	8.041	528.3	23.48
3	25.04.2022	02.05.2022	8.136	534.7	23.76

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

CSCE/BBMP/NMK/16/2022-2023 23.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
Agency Name of the work	: Sri. N M Krishnamurthy, Contractor, Bangalore. :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location	: Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	23.05.2022	8.162	726.3	32.28
2	25.04.2022	23.05.2022	8.152	739.2	32.85
3	25.04.2022	23.05.2022	8.004	715.8	31.81

Note:

1. The material is satisfied as per the requirements.

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CQC/BBMP/NMK/16/2022-2023

23.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.

Agency : Sri. N M Krishnamurthy, Contractor, Bangalore.

Name of the work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location : Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	23.05.2022	8.136	726.5	32.29
2	25.04.2022	23.05.2022	8.052	712.3	31.66
3	25.04.2022	23.05.2022	8.152	736.8	32.75

Note:

1. The material is satisfied as per the requirements.

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CQCE/BBMP/NMK/16/2022-2023

23.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.

Agency : Sri. N M Krishnamurthy, Contractor, Bangalore.

Name of the work : Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location : Jalahalli Village (4tAconet infotech # Ration Shop Opposite Road (W0157))

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.04.2022	23.05.2022	8.104	715.2	31.79
2	25.04.2022	23.05.2022	8.109	726.3	32.28
3	25.04.2022	23.05.2022	8.126	731.8	32.52

Note:

1. The material is satisfied as per the requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/NMK/16/2022-2023

Date 11.04.2022

GRADATION FOR GSB (Grading V)

: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.

: Sri. N M Krishnamurthy, Contractor, Bangalore.

Name of work: :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location Siddartha Nagara Slum (#Faisal Store Road)

BIS Code: IS 2386 Part (1):1963
IS 2720 part (5):1985

Date of Testing 09.04.2022 to 11.04.2022

TABLE – 1

Oven Dry Wt (gm) : 13000

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Requirements as per MORTH 5th edition table 400.1
75	0	0	0.00	100	100
53	1645	1645	12.65	87.35	80-100
26.5	2327	3972	30.55	69.45	55-90
9.5	2214	6186	47.58	52.42	35-65
4.75	1874	8060	62.00	38.00	25-50
2.36	2749	10809	83.15	16.85	10-20
0.85	1643	12452	95.78	4.22	2-10
0.425	245	12697	97.67	2.33	0-5

Table 2

Sl. No.	Particulars	Test Results	Requirements as per MORTH 5th edition table 400.2
1	Liquid Limit, %	23.50	25.0% Maximum.
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading V

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/NMK/16/2022-2023

Date 11.04.2022

GRADATION FOR GSB (Grading V)

: Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
: Sri. N M Krishnamurthy, Contractor, Bangalore.
Name of work: :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore
Location Jalahalli Village (Mangala Beauty Parlour Opposite Road -2)
BIS Code: IS 2386 Part (1):1963
IS 2720 part (5):1985
Date of Testing 09.04.2022 to 11.04.2022

TABLE – 1

Oven Dry Wt (gm) : 13000

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Requirements as per MORTH 5th edition table 400.1
75	0	0	0.00	100	100
53	1478	1478	11.37	88.63	80-100
26.5	2487	3965	30.50	69.50	55-90
9.5	2361	6326	48.66	51.34	35-65
4.75	1784	8110	62.38	37.62	25-50
2.36	2654	10764	82.80	17.20	10-20
0.85	1594	12358	95.06	4.94	2-10
0.425	231	12589	96.84	3.16	0-5

Table 2

Sl. No.	Particulars	Test Results	Requirements as per MORTH 5th edition table 400.2
1	Liquid Limit, %	20.50	25.0% Maximum.
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading V

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/NMK/16/2022-2023

Date 11.04.2022

GRADATION FOR GSB (Grading V)

Name of work: : Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.
: Sri. N M Krishnamurthy, Contractor, Bangalore.
:Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location: Jalahalli Village (Mangala Beauty Parlour Opposite Road -2)

BIS Code: IS 2386 Part (1):1963
IS 2720 part (5):1985

Date of Testing: 09.04.2022 to 11.04.2022

TABLE – 1

Oven Dry Wt (gm) : 13000

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Requirements as per MORTH 5th edition table 400.1
75	0	0	0.00	100	100
53	1487	1487	11.44	88.56	80-100
26.5	2264	3751	28.85	71.15	55-90
9.5	2547	6298	48.45	51.55	35-65
4.75	1849	8147	62.67	37.33	25-50
2.36	2631	10778	82.91	17.09	10-20
0.85	1524	12302	94.63	5.37	2-10
0.425	240	12542	96.48	3.52	0-5

Table 2

Sl. No.	Particulars	Test Results	Requirements as per MORTH 5th edition table 400.2
1	Liquid Limit, %	20.50	25.0% Maximum.
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading V

Note:

1. The material is satisfied as per the requirements.

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Job No: CQCE/BBMP/NMK/16/2022-2023

FIELD DENSITY TEST BY SAND REPLACEMENT METHOD (IS : 2720 - Part 28)

Date:16.04.2022

Client : **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.

Contractor : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location Siddartha Nagara Slum (#Faisal Store Road)

Date of Testing 15.04.2022 to 16.04.2022

Material Source :GSB

Optium Moisture Content (%):6.5

Max.Dry Density (S) (g/cc):2.23

Sl.no	Location/Identification	Field dry Density (g/cc)	Field compaction achieved (%)	Requirement as per MORTH 5th edition Table 401.3.2
1	Sample 1	2.188	98.12	Min 98%

Note:

1. The material is satisfied as per the requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No: CQCE/BBMP/NMK/16/2022-2023

Date:16.04.2022

FIELD DENSITY TEST BY SAND REPLACEMENT METHOD
(IS : 2720 - Part 28)

Client : **Assistant Executive Engineer,** Yeshwantpura Sub Division, BBMP, Bangalore.

Contractor : **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Location Jalahalli Village (Mangala Beauty Parlour Opposite Road -2)

Date of Testing 15.04.2022 to 16.04.2022

Material Source :GSB

Optium Moisture Content (%):6.5

Max.Dry Density (S) (g/cc):2.23

Sl.no	Location/Identification	Field dry Density (g/cc)	Field compaction achieved (%)	Requirement as per MORTH 5th edition Table 401.3.2
2	Sample 2	2.196	98.48	Min 98%

Note:

1. The material is satisfied as per the requirements.

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

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CQCE/BBMP/NMK/16/2022-2023

GRADATION FOR DRY LEAN CONCRETE
MORTH TABLE-600-1

Date 18.04.2022

Client : Assistant Executive Engineer, Yeshwantpura Sub Division, BBMP, Bangalore.

Agency : Sri. N M Krishnamurthy, Contractor, Bangalore.

Name of Work :Improvements of Siddhartha Nagara Slum in Ward No-16 in RR Nagar Constituency, BBMP, Bangalore

Date of Testing 18.04.2022

Location Jalahalli Village (Mangala Beauty Parlour Opposite Road -1)

Material : Dry Lean Concrete

Oven Dry Wt (gm): **10000**

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Spec.Limits
26.5	0	0	0	100	100
19	1529	1529	15.3	84.7	75-95
9.5	2105	3634	36.3	63.7	50-70
4.75	1432	5066	50.7	49.3	30-55
2.36	2145	7211	72.1	27.9	17-42
0.6	984	8195	82.0	18.1	8-22
0.3	385	8580	85.8	14.2	7-17
0.15	896	9476	94.8	5.2	2-12
0.075	125	9601	96.0	4.0	0-10

Note:

1. The material is satisfied as per the requirements.

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

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